

ABSTRACT OF THE DISCLOSURE

A device for determining the seat weight on a vehicle seat assembly, provided with at least one seat rail on which the seat is mounted, and with a weight sensor that interacts with the seat rail. The at least one seat rail is fastened to the vehicle in a fixed manner via the weight sensor and at least one additional fastening device. The seat rail (2) is embedded inside an elastomer structure (5) that serves as a vibration damper while also acting as a step protection and overload protection.